

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A hot water supply heat exchanger comprising a water pipe (1) forming a water passage (W) ~~and~~ a refrigerant pipe (2) pipe forming a refrigerant ~~passage (R) passage~~, the hot water supply heat exchanger being for heating water flowing through the water passage (W) passage by a refrigerant flowing through the refrigerant ~~passage (R) passage~~,

wherein an inlet ~~part (A) part~~ of the water ~~passage (W) passage~~ in communication with an outermost part of the refrigerant passage having water of a predetermined temperature or less is provided with a heat transfer enhancer and rest of the water passage is devoid of a heat transfer enhancer.

2. (Currently Amended) A hot water supply heat exchanger comprising a water pipe (1) forming a water ~~passage (W) passage~~ and a refrigerant pipe (2) pipe forming a refrigerant ~~passage (R) passage~~, the hot water supply heat exchanger being for heating water flowing through the water ~~passage (W) passage~~ by a refrigerant flowing through the refrigerant ~~passage (R) passage~~,

wherein a part of the water ~~pipe (1) pipe~~ forming an inlet ~~part (A) part~~ of the water ~~passage (W) passage~~ in communication with an outermost part of the refrigerant passage having water of a predetermined temperature or less is provided with a heat transfer enhancement pipe section includes a heat transfer enhancements and rest of water pipe is devoid of a heat transfer enhancement.

3. (Currently Amended) A hot water supply heat exchanger comprising a plurality of heat exchanger units (H_1, H_2, \dots) each including a water ~~pipe (1) pipe~~ forming a part of a water ~~passage (W) passage~~ and a refrigerant pipe (2) pipe forming a part of a refrigerant ~~passage (R) passage~~, said plurality of heat exchanger units (H_1, H_2, \dots) being stacked one above another, the water ~~pipes (1) pipes~~ being connected to one another to form a continuous water ~~passage (W) passage~~, the refrigerant ~~pipes (2) pipes~~ being connected to one another to form a continuous refrigerant

~~passage (R)passage~~, said hot water supply heat exchanger being for heating water flowing through the water ~~passage (W)passage~~ by a refrigerant flowing through the refrigerant ~~passage (R)passage~~.

wherein an inlet ~~part (A)part~~ of the water ~~passage (W)passage~~ in communication with an outermost part of the refrigerant passage including water of a predetermined temperature or less is provided with a heat transfer enhancer and rest of the water passage is devoid of a heat transfer enhancer.

4. (Currently Amended) A hot water supply heat exchanger comprising a plurality of heat exchanger units (H, H, ...) each including a water ~~pipe (1)pipe~~ forming a part of a water ~~passage (W)passage~~ and a refrigerant ~~pipe (2)pipe~~ forming a refrigerant ~~passage (R)passage~~, said plurality of heat exchanger units (H, H, ...) being stacked one above another, the water ~~pipes (1)pipes~~ being connected to one another to form a continuous water ~~passage (W)passage~~, the refrigerant ~~pipes (2)pipes~~ being connected to one another to form a continuous refrigerant ~~passage (R)passage~~, said hot water supply heat exchanger being for heating water flowing through the water ~~passage (W)passage~~ by a refrigerant flowing through the refrigerant ~~passage (R)passage~~.

wherein a heat transfer enhancement pipe is used as the water ~~pipe (1)pipe~~ corresponding to an inlet ~~part (A)part~~ of the water ~~passage (W)passage~~ in communication with an outermost part of the refrigerant passage includes a heat transfer enhancement and rest of the water pipe is devoid of a heat transfer enhancement.

5. (Currently Amended) The hot water supply heat exchanger of Claim 1 or 3, wherein spiral grooves (7, 7, ...) formed in the inner surface of the water ~~pipe (1)pipe~~ are adopted as the heat transfer enhancer.

6. (Currently Amended) The hot water supply heat exchanger of Claim 2 or 4, wherein
an internally-grooved pipe provided at its inner surface with spiral grooves (~~7, 7, ...~~) is
adopted as the heat transfer enhancement pipe.

7. (Currently Amended) The hot water supply heat exchanger of any one of Claims 1
through 4, wherein
the refrigerant ~~pipe (2)~~ pipe is connected to the periphery of the water ~~pipe (1)~~ pipe.

8. (New) The hot water heater supply heat exchanger of claim 1, wherein the water pipe
includes more than one water pipe and each water pipe is connected to each other near middle of
the refrigerant pipe.

9. (New) The hot water supply heat exchanger of claim 1, wherein the water passage is in
form of an ellipse.